Killam
Associates □ Consulting Engineers

27 Bleeker Street
Millburn, NJ 07041-1008
Telephone: 201-379-3400
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Telex: 64-2057

September 17, 1992

SDMS Document
88402

Ms. Kathy Miller
Case Manager
Industrial Site Evaluation Element
New Jersey Department of Environmental
Protection and Energy
CN 028
401 East State Street, Floor 5
Trenton, New Jersey 08625-0028

RE: August 1992 Monthly Progress
Report on Remedial Activities
at the Former Hexcel Site
205 Main Street, Lodi Borough
Bergen County, New Jersey
ECRA Case No. 86009

Dear Ms. Miller:

On behalf of Hexcel Corporation, Killam Associates (Killam), has prepared this summary report of remedial activities performed at the above referenced site during the period of August 1, 1992 to September 1, 1992. This report satisfies the requirements of Paragraph 36 of the New Jersey Department of Environmental Protection and Energy (NJDEPE) conditional approval letter of July 31, 1990.

A. GROUNDWATER

Collection of Basement Seepage Water

The air stripping towers and incinerator were operated during the month of August, 1992 in order to treat the 3,400 gallons of water collected in the month of July, 1992.

Upper Overburden Aquifer

No additional work was performed relating to the upper overburden aquifer.

Lower Overburden Aquifer

No additional work was performed relating to the lower overburden aquifer.

B. SOILS

Stockpiled Soil

Approximately 140 cubic yards of stockpiled soil currently exists at the Hexcel/Fine Organics facility. Removal and disposal arrangements are being handled by Direct Environmental, Inc. of East Orange, New Jersey. Killam is currently awaiting the waste stream approval from Chemical Waste Management (CWM) in Model City, New York. Disposal of the soil is contingent upon final approval by CWM.

C. GROUNDWATER TREATMENT SYSTEM OPERATION

The 3,400 gallons of basement seepage water collected and treated in the month of July was discharged on August 6, 1992 to the PVSC. The MR-2 forms and the accompanying laboratory analyses of the aforementioned discharge may be found in Appendix A of this report.

The groundwater, LNAPL and DNAPL monitoring plans will be combined into a single report and will be submitted to the NJDEPE on October 15, 1992.

D. DENSE NON-AQUEOUS PHASE LIQUID (DNAPL)

Approximately 500 gallons of water with some DNAPL were recovered during August of 1992. This water was derived from RW7-1 and RW7-5 and was placed in Tank H-7. Approximately 5 gallons of a DNAPL/water mixture were separated out from the 500 gallons of water extracted from the recovery wells.

E. LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL)

The LNAPL recovery system was not operated during the month of August 1992. However, the system will recommence operation upon issuance of the NJPDES SIU Permit.

F. STATUS OF PERMITS

Air Control Apparatus
No activity occurred during this time period.

NJPDES SIU Permit
The Bureau of Industrial Discharge Permits has indicated that the Hexcel NJPDES SIU permit was to be finalized at the end of August, 1992. Hexcel has not yet received this permit.

PVSC Discharge Permit
A final report concerning the feasibility of discharging into the Saddle River was submitted to the PVSC by Environ. A copy of this report will be forwarded to the NJDEPE shortly. Additional information requested by the PVSC was submitted by Environ in a letter dated September 1, 1992. A copy of this letter can be found in Appendix B of this report.

NJPDES Discharge to Groundwater Permit
No activity occurred during this time period.

NJPDES Discharge to Surface Water Permit
No activity occurred during this time period.

G. SCHEDULE UPDATE/NJDEPE MEETING

Killam met with the NJDEPE Case Manager, Technical Coordinator and Case Geologist for Hexcel on August 27, 1992. A follow up letter by the NJDEPE regarding meeting was received by Killam on September 14, 1992. The following is a brief schedule of required materials which the NJDEPE and Killam agreed upon during the August 27th meeting. A more detailed schedule will be submitted in the next progress report.

Item:	Date Due:
Bedrock Aquifer Characterization Study	October 15, 1992
Lower Overburden Aquifer Injection Well Feasibility Report	October 15, 1992
LNAPL/DNAPL/Groundwater Monitoring Program	October 15, 1992
Soil Remedial Needs Study including:	November 15, 1992

-compilation & review of all soil analyses completed to date;
-comparison with Cleanup Standards (issued by the NJDEPE);
-preparation of maps showing all results (with MDLs) and exceedences keyed to sample location/depth;
-delineation of areas where soil contamination is above Cleanup Standards;
-and, preparation of further proposals for addressing contaminated soil areas.

If you have any questions or comments regarding this report, please do not hesitate to contact me at (201) 912-2489.

Very truly yours,

KILLAM ASSOCIATES

Gary K. Walker
Senior Project Scientist

cc: A. William Nosil, Hexcel Corporation
James Higdon, Fine Organics
Lisa Bromberg, Esq.
Essam Saleh, Hexcel Corporation

DJN:mma:PROG2

Killam
Associates Consulting Engineers

APPENDIX A

Laboratory Analyses for Basement
Seepage Discharge and August 1992 MR-2 Form

884020004

USER CHARGE SELF MONITORING REPORT

NAME: Fine Organics Corporation

ADDRESS: 205 Main Street, Lodi, NJ 07644

FACILITY LOCATION:

OUTLET DESIGNATION (17 DIGITS): 17405041-37430-0171 Outlet # Industrial Sewer

MONITORING PERIOD					
08	01	92	08	31	92
MO	DAY	YEAR	MO	DAY	YEAR
START			END		

Vol Discharged This Period
3,400 GALS
CU.FT X 7.48 = Gallons
Effluent Meter Reading Last Day This Period

DATE	BOD 0310 (mg/l)	TSS 0530 (mg/l)	pH	COD	µg/l PCB	Station Location	Lab Sample #	Gal.
08/05/92	195	29	7.789	950	<0.50	FINAL TANK H1	S-3261	3,400
08/06/92	—	—	—	—	—	DISCHARGE HOSE	S-3267	—
08/06/92 DISCHARGE TO P.V.S.C.								
Influent (Raw) SAMPLING								
07/30/92	NOT ANALYZED				<1.0	TANK H-5 & H-7	S-3204	
					ND indicates less than 0.5 µg/l			

SIGNATURE OF PRINCIPAL OR AUTHORIZED AGENT	TYPE NAME AND TITLE	TELEPHONE NO.
Gary K. Walker	GARY K. WALKER	201-912-2489
	Sr. Project Scientist	
		DATE 9/17/92

PVSC FORM MR-2 REV. 2 1/86

92JR2043.T1

884020005

ALL-TEST ENVIRONMENTAL LABORATORIES, INC.
60 Railroad Avenue, Hasbrouck Heights, N.J. 07604
(201) 288-6511 FAX: (201) 288-6887

Method 608 (PCB's)

Project Id. Hexcel
Lab No. S-3204
Client Name: Killam Associates

Matrix: Water
Date Received: 7/22/92
Date Analyzed: 7/28/92

Sample Location	Tank H5	Tank H7	MDL ug/l
PCB-1016	ND	ND	1.0
PCB-1221	ND	ND	1.0
PCB-1232	ND	ND	1.0
PCB-1242	ND	ND	1.0
PCB-1248	ND	ND	1.0
PCB-1254	ND	ND	1.0
PCB-1260	ND	ND	1.0

By:

Irving Berkowitz
Laboratory Manager

MDL = Method Detection Limit
ND = Non Detected

ALL-TEST ENVIRONMENTAL LABORATORIES, INC.
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Volatile Organic Analysis Data

Case Id. Hexcel
Sample No. S-3204 Tank H5
Client Name: Killam Associates

Matrix: Water
Dilution Factor: 1388:1
Date Analyzed: 7/29/92

COMPOUND	UG/L	MDL
Chloromethane	ND	13880
Vinyl Chloride	ND	13880
Bromomethane	ND	13880
Chloroethane	ND	13880
Trichlorofluromethane	ND	6940
1,1-Dichloroethene	ND	6940
Methylene Chloride	191503.1	6940
Trans-1,2 Dichloroethene	ND	6940
1,1 Dichloroethane	ND	6940
Chloroform	6753J	6940
1,1,1-Trichloroethane	ND	6940
Carbon Tetrachloride	ND	6940
Benzene	ND	6940
1,2-Dichloroethane	ND	6940
Trichloroethene	ND	6940
1,2-Dichloroprapane	ND	6940
Bromodichloromethane	ND	6940
Trans-1,3-Dichloropropene	ND	6940
Toluene	7715.5	6940
Cis-1,3-Dichloropropene	ND	6940
1,1,2-Trichloroethane	ND	6940
2-Chloroethyl Vinyl Ether	ND	6940
Tetrachloroethene	58318.3	6940
Dibromochloromethane	ND	6940
Chlorobenzene	17894.8	6940
Ethylbenzene	2004J	6940
m&o Xylenes	ND	13880
p Xylene	ND	13880
Bromoform	ND	6940
1,1,2,2-Tetrachloroethane	ND	6940

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Volatile Organic Analysis Data

Case Id. Hexcel
Sample No. S-3204 Tank H5
Client Name: Killam Associates

Matrix: Water
Dilution Factor: 1388:1
Date Analyzed: 7/29/92

COMPOUND	UG/L	MDL
1,3-Dichlorobenzene	ND	13880
1,2-Dichlorobenzene	ND	13880
1,4-Dichlorobenzene	ND	13880

ND = None Detected
MDL = Method Detection Limit
J = Below Method Detection Limit
** = Compound Found In Laboratory Blank

SURROGATE COMPOUNDS	RECOVERY	LIMITS
1,2-Dichloroethane-d4	80%	70-121
Toluene-d8	96%	81-117
4-Bromofluorobenzene	100%	74-121

By: _____
Irving Berkowitz
Laboratory Manager

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Volatile Organic Analysis Data

Case Id. Hexcel
Sample No. S-3204 Tank H7
Client Name: Killam Associates

Matrix: Water
Dilution Factor: 1388:1
Date Analyzed: 7/29/92

COMPOUND	UG/L	MDL
Chloromethane	ND	13880
Vinyl Chloride	ND	13880
Bromomethane	ND	13880
Chloroethane	ND	13880
Trichlorofluromethane	ND	6940
1,1-Dichloroethene	ND	6940
Methylene Chloride	54126.5	6940
Trans-1,2 Dichloroethene	ND	6940
1,1 Dichloroethane	ND	6940
Chloroform	9315.0	6940
1,1,1-Trichloroethane	21673.8	6940
Carbon Tetrachloride	2118J	6940
Benzene	ND	6940
1,2-Dichloroethane	ND	6940
Trichloroethene	ND	6940
1,2-Dichloroprapane	ND	6940
Bromodichloromethane	ND	6940
Trans-1,3-Dichloropropene	ND	6940
Toluene	7902.6	6940
Cis-1,3-Dichloropropene	ND	6940
1,1,2-Trichloroethane	ND	6940
2-Chloroethyl Vinyl Ether	ND	6940
Tetrachloroethene	26703.3	6940
Dibromochloromethane	ND	6940
Chlorobenzene	60831.6	6940
Ethylbenzene	3323J	6940
m&o Xylenes	ND	13880
p Xylene	ND	13880
Bromoform	ND	6940
1,1,2,2-Tetrachloroethane	ND	6940

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Volatile Organic Analysis Data

Case Id. Hexcel
Sample No. S-3204 Tank H7
Client Name: Killam Associates

Matrix: Water
Dilution Factor: 1388:1
Date Analyzed: 7/29/92

COMPOUND	UG/L	MDL
1,3-Dichlorobenzene	ND	13880
1,2-Dichlorobenzene	ND	13880
1,4-Dichlorobenzene	ND	13880

ND = None Detected
MDL = Method Detection Limit
J = Below Method Detection Limit
** = Compound Found In Laboratory Blank

SURROGATE COMPOUNDS	RECOVERY	LIMITS
1,2-Dichloroethane-d4	79%	70-121
Toluene-d8	89%	81-117
4-Bromofluorobenzene	104%	74-121

By: Irving Berkowitz
Laboratory Manager

S-3204

CHAIN OF CUSTODY RECORD

[redacted]

HERITAGE REMEDIATION ENGINEERS

[redacted]

PROJ. NO.	PROJECT NAME
600	LODI – N.J. HEXCEL CORP

SAMPLERS: (Signature)
ESSAM E SALEH.

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	PCBs	VOCs	REMARKS
H7	7/22/92	1520		X	TANK H7	2 Qts	X		RAW WATER FROM TANK
H7	7/22/92	1525		X	TANK H7	2x40ML		X	~ ~ ~ ~ ~
H5	7/22/92	1400		X	TANK H5	2x Qts	X		RAW WATER-PH ADJUSTED
H5	7/22/92	1405		X	TANK H5	2x40ML		X	FROM TANK H5

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
ESSAM E SALEH	07/22/92 500 PM	Sue Manderano			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

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